

#### Ripi Singh and Johannes Vrana



### **Proposed Definition – Full**

(What) Cyber-physical Non-Destructive Evaluation (including Testing);

arising out of a

(How) confluence of industry 4.0 digital technologies, physical inspection methods, and business models;

to

(Why) enhance inspection performance, integrity engineering, and decision making for safety, sustainability, and quality assurance,

as well as provide relevant data required to improve design, production and Maintenance



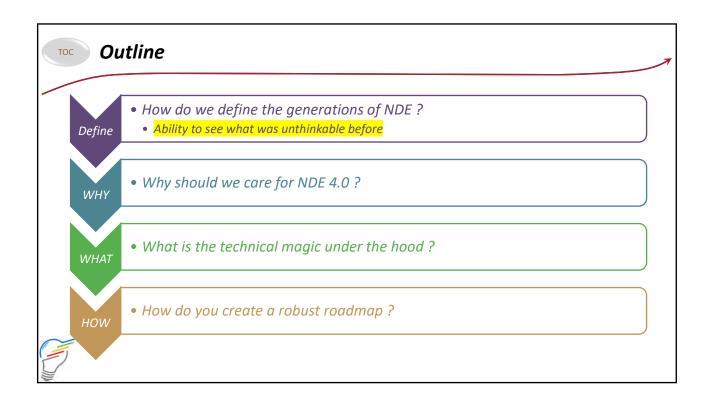


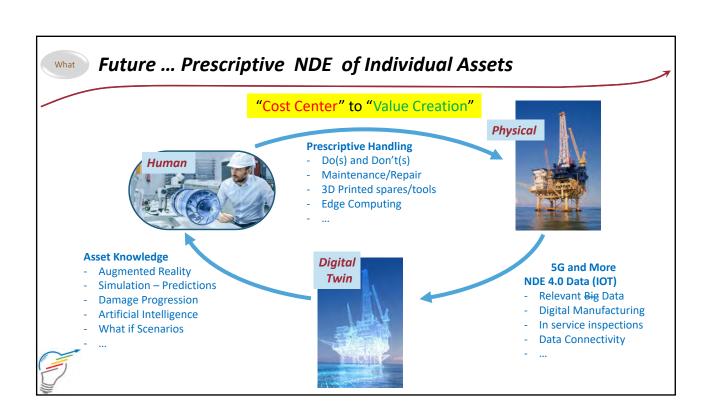
## **Proposed Definition – Short**

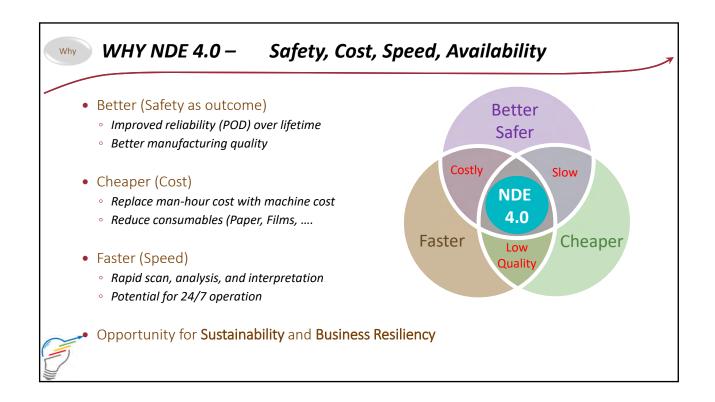
Mutual convergence of NDE and Industry 4.0 technologies

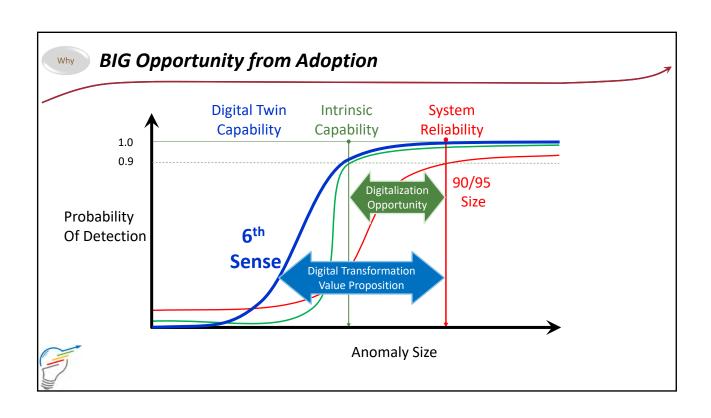
for social/safety, economy, and reliability.

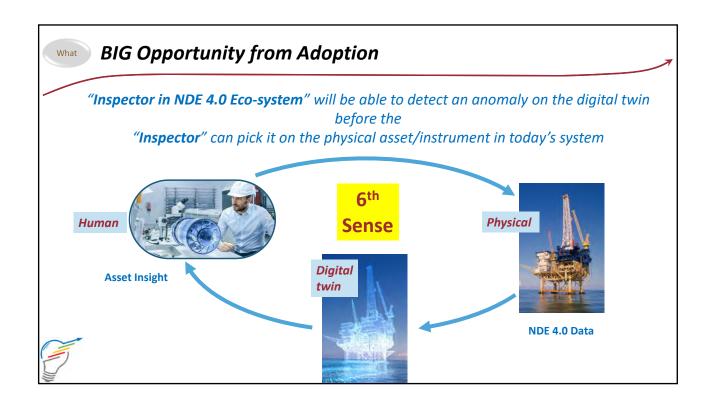


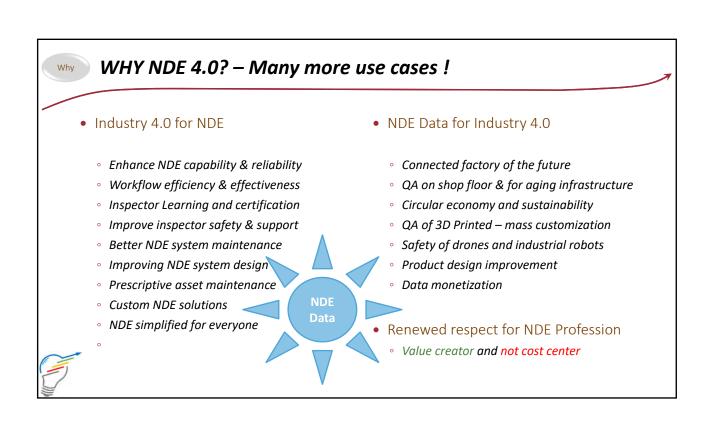


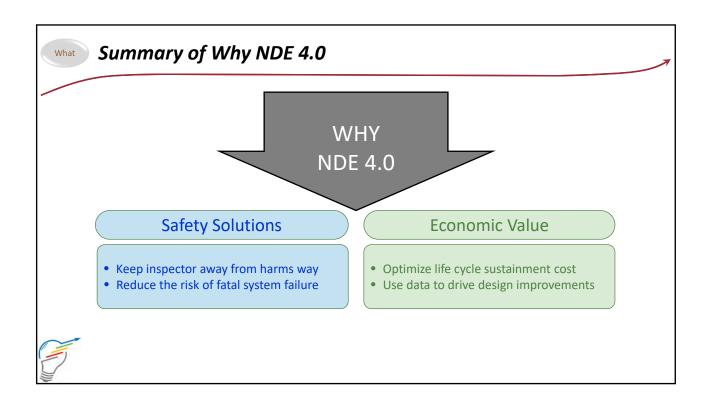


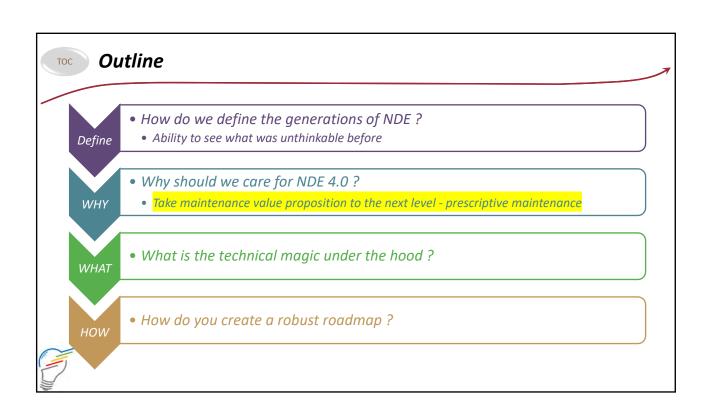


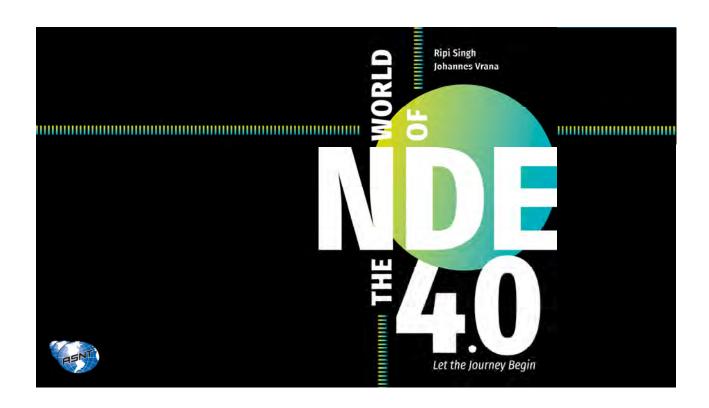


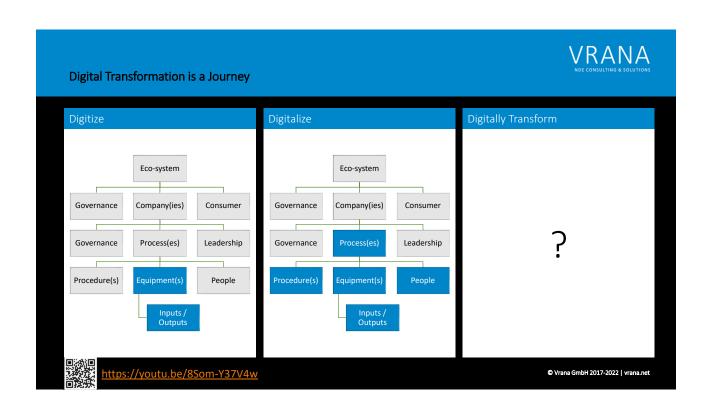




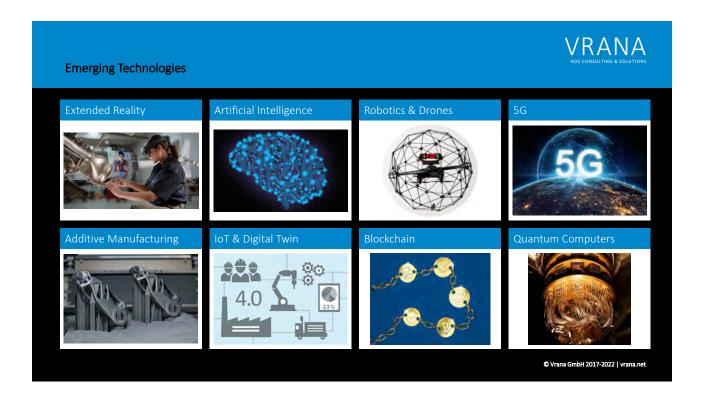


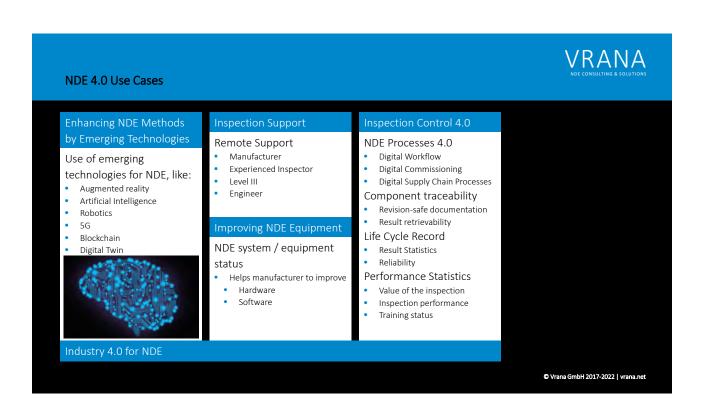


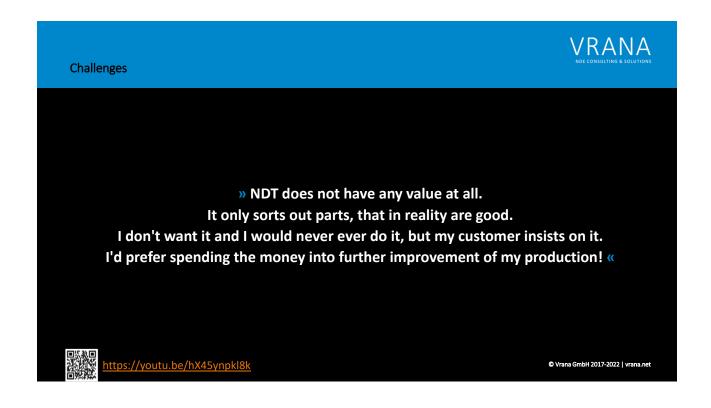


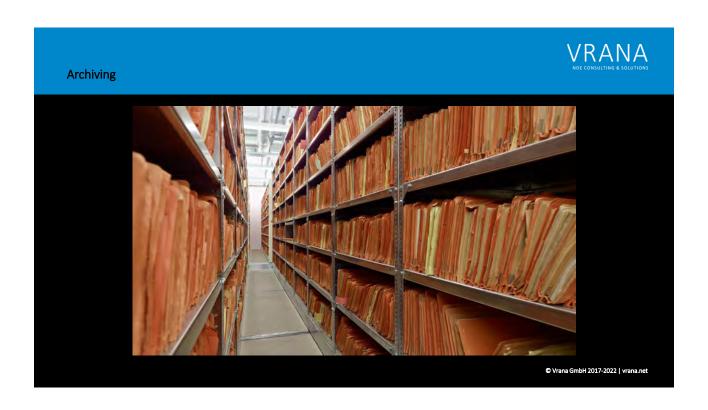


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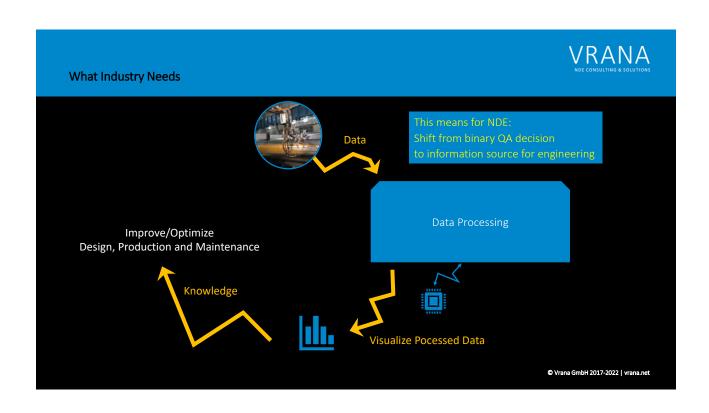






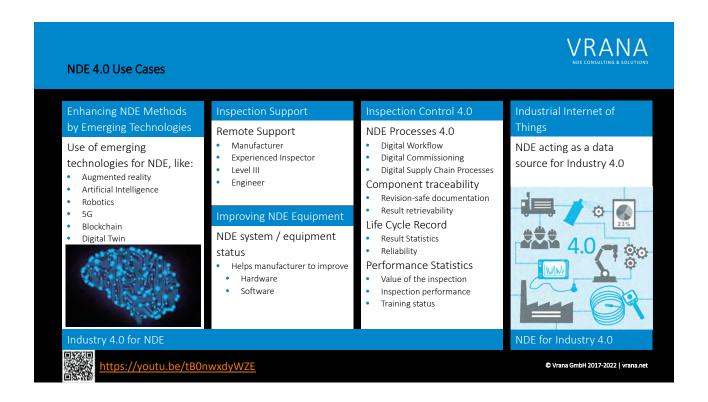




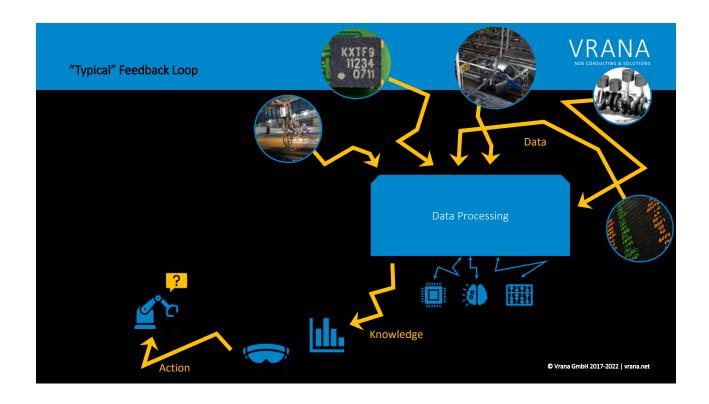


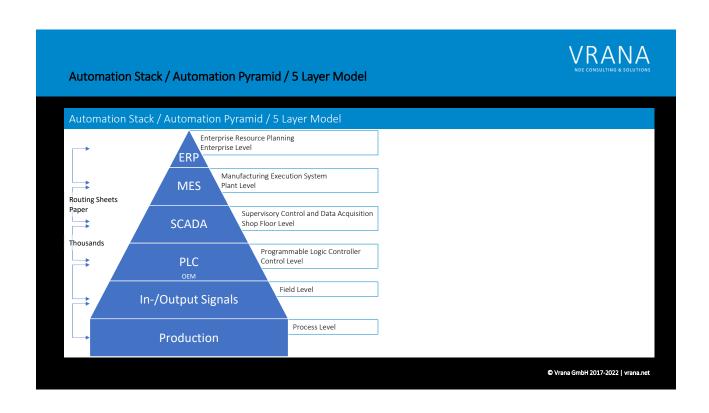
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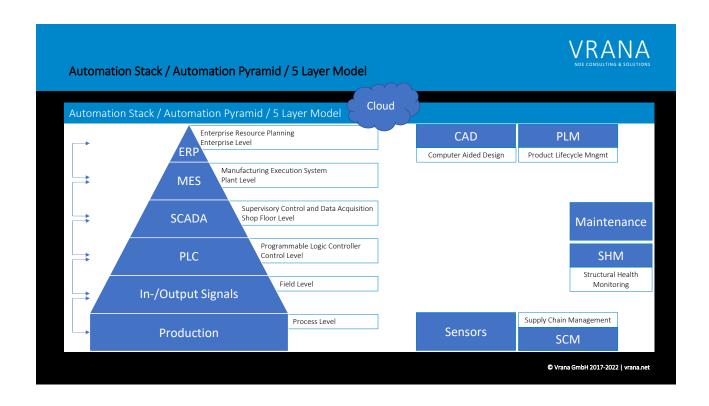
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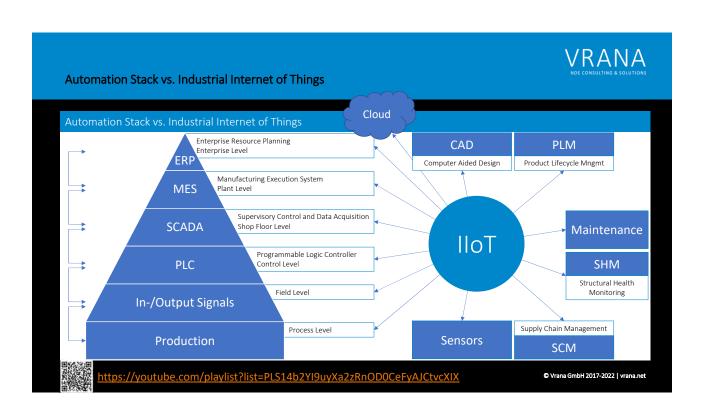


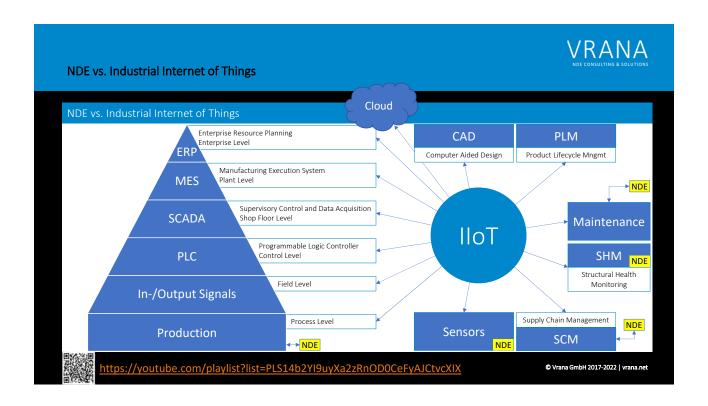


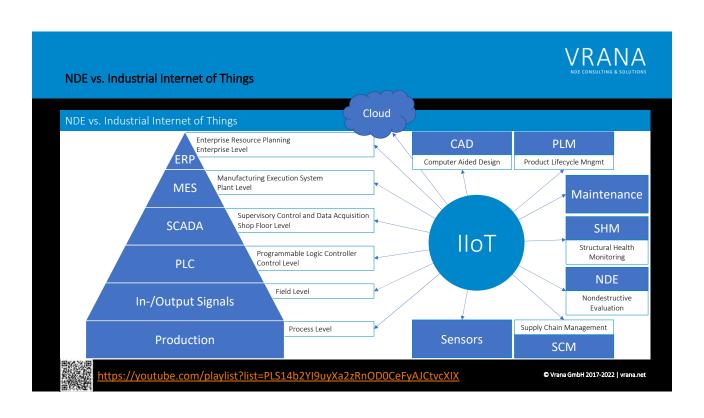


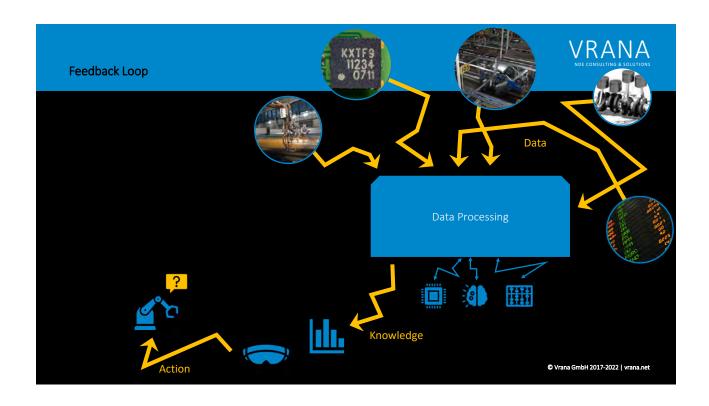


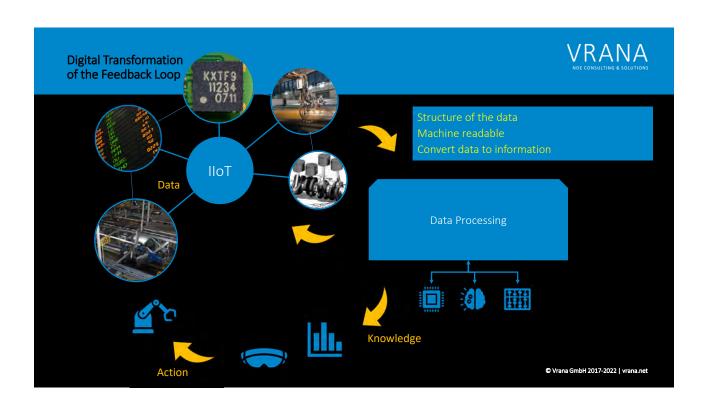




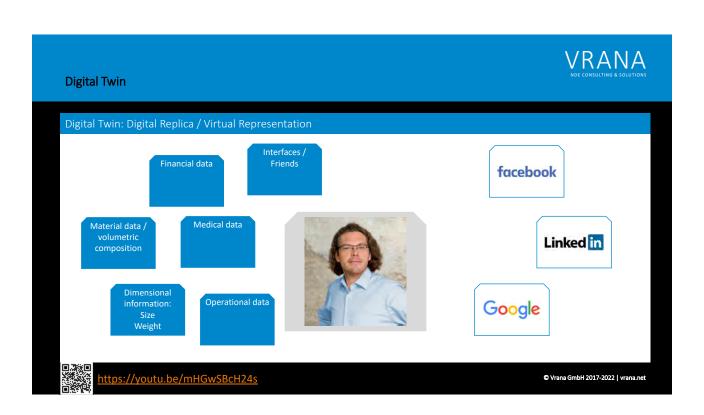


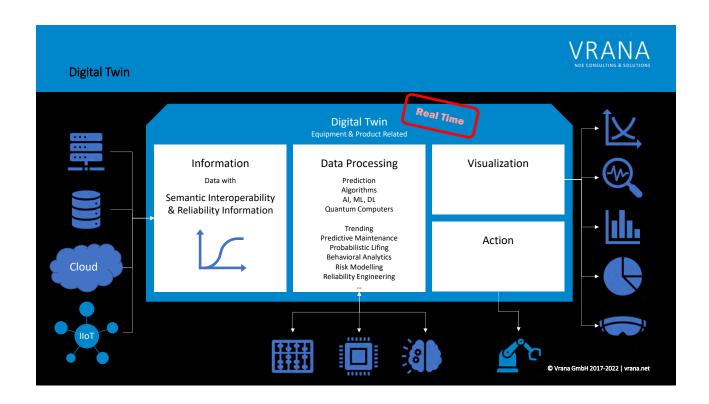




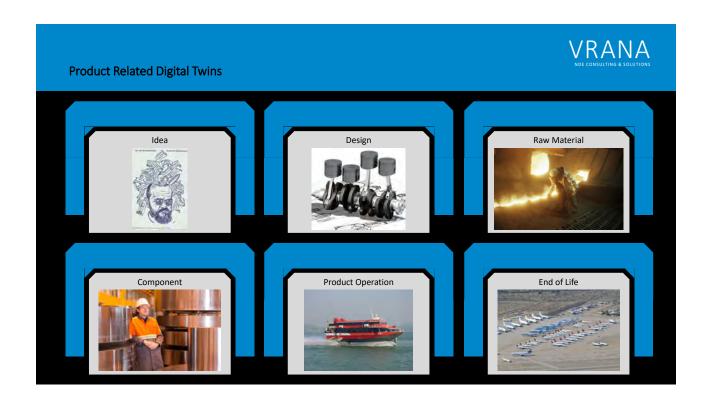


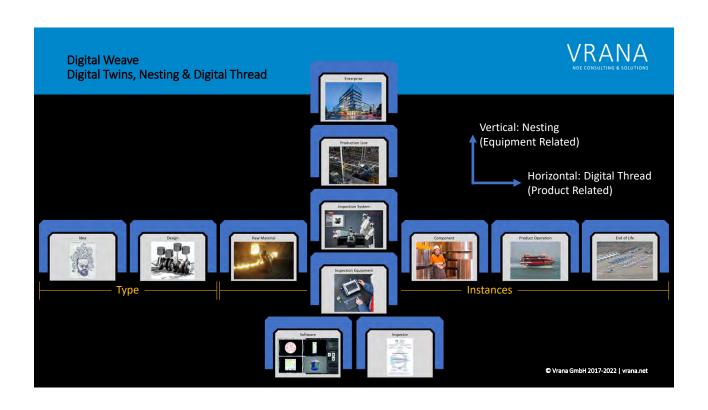


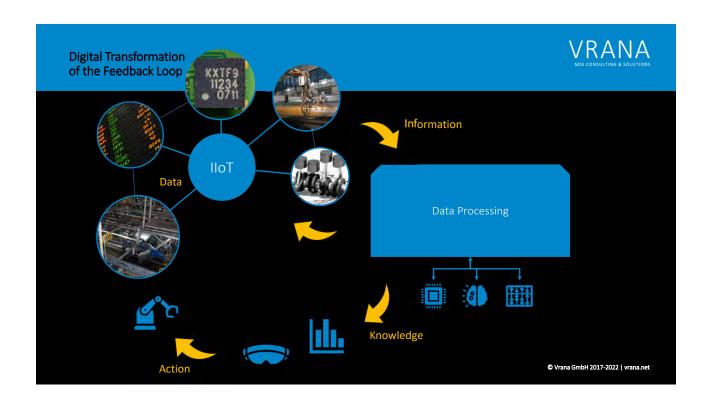


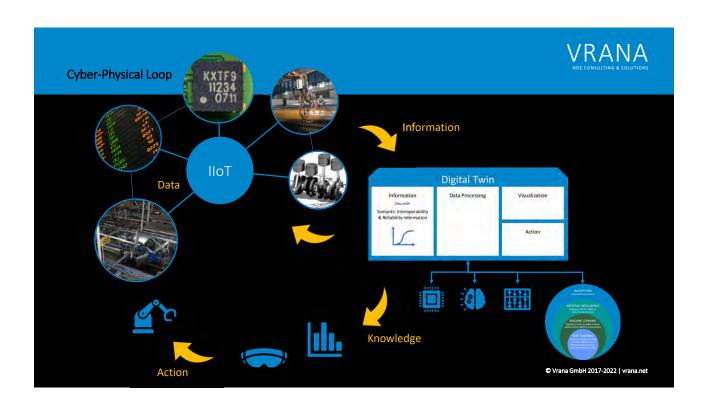


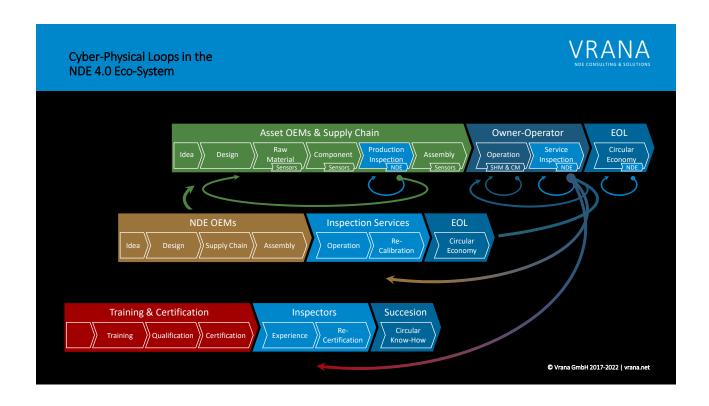


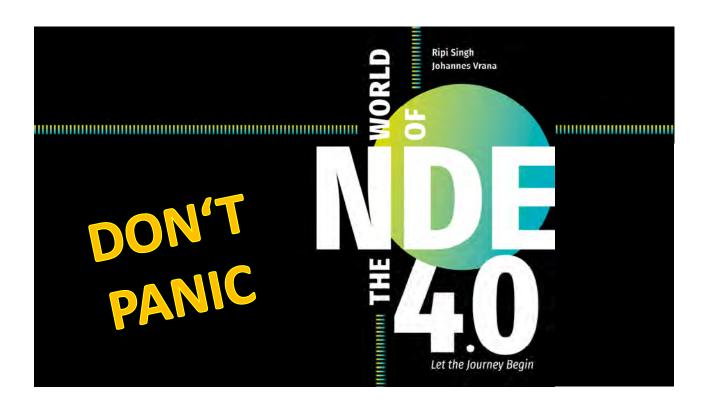


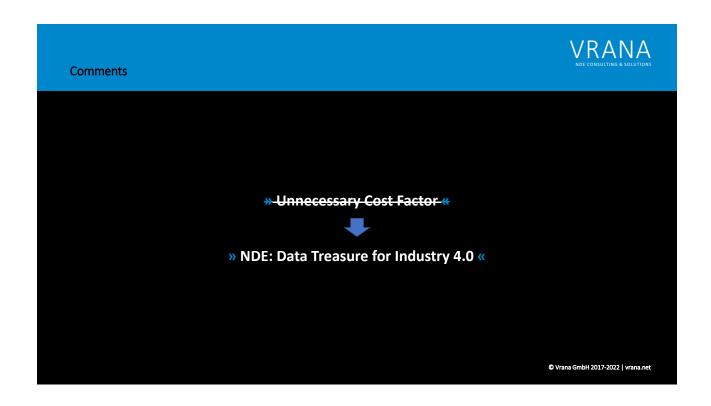


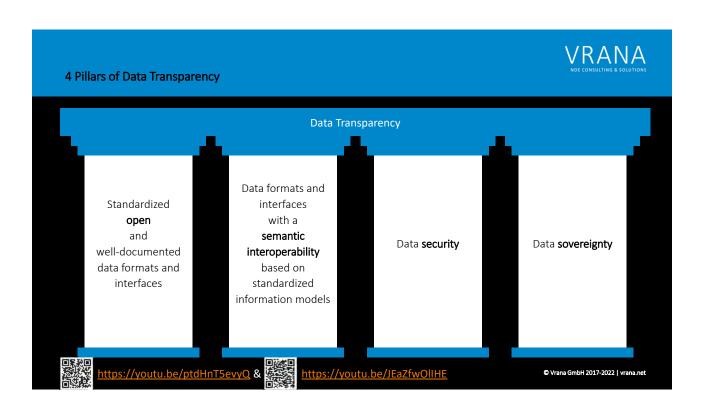












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